



National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**BHARATI VIDYAPEETH UNIVERSITY MEDICAL COLLEGE  
HOSPITAL AND RESEARCH CENTRE LABORATORY**

has been assessed and accredited in accordance with the standard

**ISO 15189:2012**

**"Medical laboratories - Requirements for quality and  
competence"**

for its facilities at

**DHANAKAWADI, PUNE - SATARA ROAD, PUNE, MAHARASHTRA, INDIA**

in the field of

**Medical Testing**

Certificate Number: MC-2181

Issue Date: 08/05/2022

Valid Until:

07/05/2024

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.  
(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Identity : Bharati Vidyapeeth Medical Foundation

**Signed for and on behalf of NABL**



**N. Venkateswaran**  
Chief Executive Officer



**National Accreditation Board for  
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**Certificate Number: MC-2181**

**Issue Date: 08/05/2019**

**Valid Until: 07/05/2021\***

**\*The validity is extended for one year up to 07.05.2022**

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**Name of Legal Identity : BHARATI HOSPITAL**

**Signed for and on behalf of NABL**



**N. Venkateswaran  
Chief Executive Officer**





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for its facilities at

Dhanakawadi, Pune-Satara Road, Pune, Maharashtra

in the field of

**MEDICAL TESTING**

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Issue Date 08/05/2017



Valid Until 07/05/2019

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Signed for and on behalf of NABL

Dr. Vandana Jain  
Program Director

Anil Relia  
Chief Executive Officer





**National Accreditation Board for  
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## **SCOPE OF ACCREDITATION**

**Laboratory** Bharati Vidyapeeth University Medical College Hospital & Research  
Centre Laboratory, Dhanakawadi, Pune-Satara Road, Pune,  
Maharashtra

**Accreditation Standard** ISO 15189: 2012

**Certificate Number** MC-2181

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Sl.	Product / Material of Test	Specific Test Performed	Test Method	Range of Testing / Limits of Detection	CV%
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### CLINICAL BIOCHEMISTRY

1.	Plasma	Glucose	GOD-POD	6.04 - 614 mg/dl	5.8
2.	Serum	Urea	Urease-GLDH	3.07 - 303 mg/dl	7.0
3.	Serum	Creatinine	Jaffe's Kinetic	0.29 - 35.2 mg/dl	10.7
4.	Serum	GPT/ALT	UV Kinetic IFCC without PLP	9.70 - 666 U/L	6.0
5.	Serum	GOT/AST	UV Kinetic IFCC without PLP	18.7 - 657 U/L	7.0
6.	Serum	Alkaline Phosphatase	DGKC	34.7 - 2183 U/L	7.0
7.	Serum	Total Proteins	Biuret	0.5 - 12.4 g/dl	6.8
8.	Serum	Albumin	BCG	0.32 - 5.06 g/dl	5.1
9.	Serum	Bilirubin Total	Jendrossik and Grof	0.08 - 29 mg/dl	7.3
10.	Serum	Bilirubin Direct	Diazo	0.08 - 8.1 mg/dl	12.3
11.	Serum	Cholesterol	CHO - PAP	33.4 - 640 mg/dl	5.7
12.	Serum	Triglyceride	GPO-PAP Method	11.9 - 1124 mg/dl	6.9
13.	Serum	HDL	Direct Enzymatic	7.30 - 144 mg/dl	8.6
14.	Serum	Calcium	Arsenazo III	0.36 - 17.24 mg/dl	4.1
15.	Serum	Phosphorus	Phosphomolybdate	0.44 - 25 mg/dl	7.1
16.	Serum	Uric Acid	Uricase - PAP	0.34 - 23.1 mg/dl	5.9
17.	Serum	LDH	LD opt. (LDH P- L) UV Kinetic	42.3 - 1150 U/L	6.0
18.	Serum	Total T3	CMIA	0.25 - 8.0 ng/mL	8.1
19.	Serum	Total T4	CMIA	1.0 - 24 µg/dL	7.4
20.	Serum	TSH	CMIA	0.0025 - 100 µIU/mL	6.2
21.	Whole Blood	HbA1c	HPLC	3.8 - 18.5 %	3.9
22.	Serum	LDL	Calculated	NA	NA
23.	Serum	VLDL	Calculated	NA	NA

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Shweta Sinha  
Convenor

*Vandana*

Dr. Vandana Jain  
Program Director





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### CLINICAL PATHOLOGY

1.	Urine	Physical Examination			
		Volume	Visual Examination	As Actual	NA
		Appearance	Visual Examination	Clear to Turbid	NA
		Colour	Visual Examination	N.A.	NA
		Chemical			NA
		Protein	Sulphosylcilic Acid Test/ pH Indicator	Traces to 4+	NA
		Glucose	Enzymatic / Benedict's Method	Traces to 4+	NA
		Ketone	Nitroprusside Reaction	Present / Absent	NA
		Bilirubin / Bile Pigments	Diazo Reaction	Present / Absent	NA
		Bile Salts	Hay's Sulphur Test	Present / Absent	NA
		Urobilinogen	Modified Ehrlich Reaction	Present / Absent	NA
		pH	Indicator Principle	2 - 10.5	NA
		Specific Gravity	Indicator Reaction	1.000 - 1.030	NA
		Urine Routine - Microscopic	Microscopic Observation	Cells, Type and Number	NA
2.	Stool	Physical Examination			
		Colour	Visual Examination	N.A.	NA
		Consistency	Visual Examination	Liquid to Solid	NA
		Blood	Visual Examination	Present / Absent	NA
		Mucus	Visual Examination	Present / Absent	NA
		Parasites	Visual Examination	Present / Absent	NA
		Chemical Examination			NA
		pH	Indicator Principle	2 - 10.5	NA
		Reducing Substances	Benedict's Method	Traces to 4+	NA
		Occult Blood	Benzidine Method	Present / Absent	NA
		Stool Routine - Microscopic	Microscopic Observation	Cells, Type and Number	NA

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3.	Semen	Physical Examination			NA
		Volume	Visual Examination	As Actual	NA
		Colour	Visual Examination	N.A.	NA
		Viscosity	Visual Examination	Normal/Increased/Decreased	NA
		Liquefaction	Visual Examination	Normal/Delayed	NA
		Chemical Examination			
		pH	Indicator Principle	2 - 10.5	NA
		Fructose	Seliwanoff's Method	Present / Absent	NA
4.	Pleural Fluid	Semen Examination - Microscopic	Microscopic Observation	Cells, Type, Number, Motility and Grade	NA
		Physical Examination			
		Volume	Visual Examination	As Actual	NA
		Colour	Visual Examination	N.A.	NA
		Appearance	Visual Examination	Clear to Turbid	NA
		Cobweb	Visual Examination	Present / Absent	NA
		Coagulum	Visual Examination	Present / Absent	NA
		Deposit	Visual Examination	Present / Absent	NA
5.	Ascitic / Peritoneal Fluid	Body Fluid - Microscopic Examination	Microscopic Observation	Cells, Type and Number	NA
		Physical Examination			
		Volume	Visual Examination	As Actual	NA
		Colour	Visual Examination	N.A.	NA
		Appearance	Visual Examination	Clear to Turbid	NA
		Cobweb	Visual Examination	Present / Absent	NA
		Coagulum	Visual Examination	Present / Absent	NA
		Deposit	Visual Examination	Present / Absent	NA
6.	CSF	Body Fluid - Microscopic Examination	Microscopic Observation	Cells, Type and Number	NA
		Physical Examination			
		Volume	Visual Examination	As Actual	NA

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		Colour	Visual Examination	N.A.	NA
		Appearance	Visual Examination	Clear to Turbid	NA
		Cobweb	Visual Examination	Present / Absent	NA
		Coagulum	Visual Examination	Present / Absent	NA
		Deposit	Visual Examination	Present / Absent	NA
		Body Fluid - Microscopic Examination	Microscopic Observation	Cells, Type and Number	NA
7.	Synovial Fluid	Physical Examination			
		Volume	Visual Examination	As Actual	NA
		Colour	Visual Examination	N.A.	NA
		Appearance	Visual Examination	Clear to Turbid	NA
		Cobweb	Visual Examination	Present / Absent	NA
		Coagulum	Visual Examination	Present / Absent	NA
		Deposit	Visual Examination	Present / Absent	NA
		Body Fluid - Microscopic Examination	Microscopic Observation	Cells, Type and Number	NA
8.	Urine	Hemoglobinuria and Myoglobinuria	Differential Precipitation	Detected / Not Detected	NA
9.	Urine	Urine Bence Jones Proteins	Bradshaw Test	Present / Absent	NA
10.	Urine	Urinary Qualitative Protoporphobilinogen / Porphyrins	Watson Schwartz	Detected / Not Detected	NA
11.	Stool	Occult Blood	Haemtest-Chemical - Peroxidase Reaction Principle	Present / Absent	NA

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### HAEMATOLOGY & IMMUNOHAEMATOLOGY

1.	EDTA Whole Blood	AEC	Coulter / Microscopy	0.0-400.0X10 <sup>3</sup> Cells/μl	6.3
2.	EDTA Whole Blood	ANC	Coulter / Microscopy	0.0-400.0X10 <sup>3</sup> Cells/μl	3.1
3.	Citrated Plasma	APTT	Photo Optical Clot Detection	0 – 180 secs	6.3
4.	Citrated Plasma	PT	Photo Optical Clot Detection	0 – 180 secs	7.6
5.	EDTA Whole Blood + Serum	Blood Group	Tube Method- Forward and Reverse Grouping	NA	NA
6.	Direct Smears + EDTA	Bone Marrow	Microscopy	NA	NA
7.	Bone Marrow Trephine Biopsy In Bouins Fluid	BM Biopsy	Microscopy	NA	NA
8.	EDTA Whole Blood	ESR	Modified Westergren	0 – 140 mm at the end of one hour	1.1
9.	Citrated Plasma	Factor VIII c Assay	Photo Optical Clot Detection	1 – 150 %	18.0
10.	EDTA Whole Blood	Hemoglobin	Photometric Measurement	0.0 – 25.0 gm/dl	0.7
11.	EDTA Whole Blood	Haemoglobinopathy Analysis by Hb HPLC	High Performance Liquid Chromatography	Hb A2 2 – 9% Hb F 100%	2.5 1.8
12.	EDTA Whole Blood	RBC count	Coulter Principle	0.0 – 8.0 x 10 <sup>5</sup> Cells / μl	0.6
13.	EDTA Whole Blood	Total WBC Count	Coulter Principle/ Microscopy	0.0 – 400.0 x 10 <sup>3</sup> Cells / μl	1.6
14.	EDTA Whole Blood	Platelet Count	Coulter Principle/ Microscopy	0.0 – 3000.0 x 10 <sup>3</sup> Cells / μl	2.4

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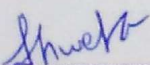
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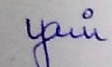
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15.	EDTA Whole Blood	Differential Leucocyte Count	VCS Technology	NA	NA
		Neutrophil %		0 – 100%	1.5
		Lymphocyte %		0 – 100%	2.6
		Monocyte %		0 – 100%	5.8
		Eosinophil %		0 – 100%	5.0
		Basophil %		0 – 100%	NA
16.	EDTA Whole Blood	Peripheral Smear Examination	Microscopy of Stained Smear	NA	NA
17.	EDTA Whole Blood	Hematocrit	Computed	NA	1.2
18.	EDTA Whole Blood	MCV	Computed	NA	0.9
19.	EDTA Whole Blood	MCH	Computed	NA	1.0
20.	EDTA Whole Blood	MCHC	Computed	NA	1.5
21.	EDTA Whole Blood	RDW	Computed	NA	1.5
22.	EDTA Whole Blood	Reticulocyte Count	Microscopy of Supravital Staining	NA	NA
23.	EDTA Whole Blood	Sickling Test	Sodium Metabisulphite	Negative / Positive	NA
24.	EDTA Whole Blood	Rapid Malaria Test	Immunochromatography	Negative / Positive	NA

  
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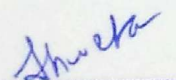
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
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### MICROBIOLOGY & SEROLOGY

1.	Sputum, Pus, Throat Swab, High Vaginal Swab, CSF, ETT Secretion, BAL, Conjunctival Swab, Ascitic Fluid, Pleural Fluid, Pericardial Fluid, Synovial Fluid, Biopsy Tissue	Gram's Stain	Microscopy	Presence/ Absence of Pus Cells, Gram Positive, Gram Negative Cocci/ Bacilli	NA
2.	Stool	Hanging Drop Preparation	Microscopic Observation for darting motility	Darting Motility Seen/ Not Seen.	NA
3.	Urine, Sputum, Stool, Pus, Throat Swab, High Vaginal Swab, CSF, Blood, ETT Secretion, BAL, Conjunctival Swab, Ascitic Fluid, Pleural Fluid, Pericardial Fluid, Synovial Fluid, Biopsy Tissue	Aerobic Culture and Antibiotic Sensitivity	Manual Automated – Bactec Bac T Alert Vitek	Growth / No Growth	NA

  
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Sl.	Product / Material of Test	Specific Test Performed	Test Method	Range of Testing / Limits of Detection	CV%
4.	Stool	Modified ZN Stain	Microscopic Observation for Acid Fast Protozoa	Present/ Absent	NA
5.	Urine, Sputum, Pus, CSF, ETT Secretion, BAL, Ascitic Fluid, Pleural Fluid, Pericardial Fluid, Synovial Fluid, Slit Skin Smear	ZN stain	Microscopic Observation For Acid Fast Bacilli	Present/ Absent	NA
6.	Urine, Sputum, Pus, CSF, ETT Secretion, BAL, Ascitic Fluid, Pleural Fluid, Pericardial Fluid, Synovial Fluid	Mycobacterium tuberculosis culture and anti tubercular drug sensitivity	Manual	Growth/ No Growth	NA
7.	CSF	Negative Staining	Microscopic Observation of capsule of Cryptococcus	Present/ Absent	NA
8.	Pus, Skin Scraping, Hair Clipping, Nail Scrapings, Sputum	Potassium Hydroxide (KOH) Mount	Microscopic Observation for fungal elements	Present/ Absent	NA
9.	Skin Scraping, Hair Clipping, Nail Scrapings, Sputum, Pus, Urine, CSF, ETT Secretion, BAL, Ascitic Fluid, Pleural Fluid,	Fungal Culture	Manual	Growth / No Growth	NA

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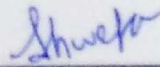
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
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	Pericardial Fluid, Synovial Fluid, Biopsy Tissue				
10.	Serum	Dengue NS1 Antigen, IgG and IgM Antibodies	Immunochromatography	Positive/ Negative	NA
11.	Serum	Hepatitis B Surface Antigen	Chemiluminescent Microparticle ImmuneAssay (CMIA)	Reactive/ Non-Reactive	6.7
12.	Serum	Hepatitis B Surface Antigen	Immunochromatography	Reactive/ Non-Reactive	NA
13.	Serum	Leptospira IgG and IgM Antibodies	Immunochromatography	Positive/Negative	NA
14.	Serum	HCV Antibodies	Enzyme Immuno Assay (EIA)	Reactive/ Non-Reactive	NA
15.	Serum	HCV Antibodies	Chemiluminescent Microparticle ImmuneAssay (CMIA)	Reactive/ Non-Reactive	17.1
16.	Serum	HIV Antibodies	Chemiluminescent Microparticle ImmuneAssay (CMIA)	Reactive/ Non-Reactive	14.1
17.	Serum	HIV Antibodies	Enzyme Immuno Assay (EIA)	Reactive/ Non-Reactive	NA
18.	Serum	HIV Antibodies	Enzyme Immuno Assay (EIA)	Reactive/ Non-Reactive	NA
19.	Serum	Widal	Slide Agglutination	Qualitative Positive / Negative	NA
20.	Serum	Widal	Tube Agglutination	Quantitative- Titre given if significant (1:80 and above)	NA
21.	Serum	Typhifast Rapid Test For Typhoid IgM Antibodies	Immunochromatography	Positive/ Negative	NA

  
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22.	Serum	Anti streptolysin O (ASO)	Latex Agglutination	Qualitative-Positive/Negative Quantitative for Serum titre 200 IU/ml and above	NA
23.	Serum	RA Factor	Latex Agglutination	Positive/Negative	NA
24.	Serum	Rapid Plasma Regain (RPR)	Slide Flocculation	Reactive/ Non-Reactive	NA
25.	CSF	CSF Latex Rapid Antigen Detection for  - Group B Streptococci - N. meningitidis - H. influenzae - Strepto. pneumoniae -- Esch. coli K1	Latex Agglutination	Positive/ Negative	NA

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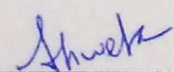
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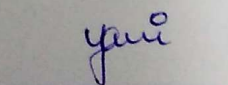
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### HISTOPATHOLOGY

1.	HPE Large Specimen	Histopathological Examination	Gross examination and tissue trimming, tissue processing, H&E staining and microscopy, as per laid down SOPs	Histopathologic diagnosis From nonneoplastic to neoplastic lesions	NA
2.	HPE Medium Specimen	Histopathological Examination	Gross examination and tissue trimming, tissue processing, H&E staining and microscopy, as per laid down SOPs	Histopathologic diagnosis From nonneoplastic to neoplastic lesions	NA
3.	HPE Small Specimen	Histopathological Examination	Gross examination and tissue trimming, tissue processing, H&E staining and microscopy, as per laid down SOPs	Histopathologic diagnosis From nonneoplastic to neoplastic lesions	NA
4.	Paraffin Block and Slides	Review / Second Opinion	Section cutting, Staining and Microscopy	Histopathologic diagnosis, From non neoplastic to neoplastic lesions	NA
5.	Tissue/ Paraffin Block	PAS Stain	Section cutting, Staining and Microscopy as per laid down SOPs	Positive/negative From non neoplastic to neoplastic lesions	NA
6.	Tissue/ Paraffin Block	Prussian Blue Stain	Section cutting, Staining and Microscopy as per laid down SOPs	Positive/negative From non neoplastic to neoplastic lesions	NA
7.	Tissue/ Paraffin Block	Congo Red Stain	Section cutting, Staining and Microscopy as per laid down SOPs	Positive/negative From non neoplastic to neoplastic lesions	NA
8.	Tissue/ Paraffin Block	Masson Trichrome stain	Section cutting, Staining and Microscopy as per laid down SOPs	Positive/negative From non neoplastic to neoplastic lesions	NA

  
Shweta Sinha  
Convenor

  
Dr. Vandana Jain  
Program Director





# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

**Laboratory** Bharati Vidyapeeth University Medical College Hospital & Research Centre Laboratory, Dhanakawadi, Pune-Satara Road, Pune, Maharashtra

**Accreditation Standard** ISO 15189: 2012

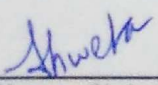
**Certificate Number** MC-2181


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**Validity** 08.05.2017 to 07.05.2019

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method	Range of Testing / Limits of Detection	CV%
9.	Tissue/ Paraffin Block	ZN stain for AFB	Section cutting, Staining and Microscopy as per laid down SOPs	Positive / Negative	NA
10.	Tissue/ Paraffin Block	Reticulin Stain	Section cutting, Staining and Microscopy as per laid down SOPs	Positive / Negative	NA
11.	Tissue/ Paraffin Block	V VG Stain	Section cutting, Staining and Microscopy as per laid down SOPs	Positive / Negative	NA
12.	Tissue/ Paraffin Block	Stain	Section cutting, Staining and Microscopy as per laid down SOPs	Positive / Negative	NA
13.	Fresh Unfixed Tissue	Frozen Section	Gross and microscopy, Toluidine Blue and Rapid H&E stain	Neoplastic and non neoplastic diseases, Margins of resection, whether free of tumour	NA
14.	Body Fluid	Cell Block Histopathology	Gross examination, Cell block preparation, histopathology, H&E staining, Special staining wherever reqd.	Benign/ Malignant Lesion	NA

  
Shweta Sinha  
Convenor

  
Dr. Vandana Jain  
Program Director





# National Accreditation Board for Testing and Calibration Laboratories

(A Constituent Board of Quality Council of India)



## SCOPE OF ACCREDITATION

**Laboratory** Bharati Vidyapeeth University Medical College Hospital & Research Centre Laboratory, Dhanakawadi, Pune-Satara Road, Pune, Maharashtra

**Accreditation Standard** ISO 15189: 2012

**Certificate Number** MC-2181

Page 13 of 13

**Validity** 08.05.2017 to 07.05.2019

Last Amended on --

Sl.	Product / Material of Test	Specific Test Performed	Test Method	Range of Testing / Limits of Detection	CV%
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### CYTOPATHOLOGY

1.	Body Fluid	Cytology by Cytospin For Malignant Cell	Cytospin	Plain Sterile Container	NA
2.	Material Aspirated From the Lesion Site	Fine Needle Aspiration Cytology (Procedure + Reporting)	Manual	Material Collected at Procedure Site on a Clean Slide	NA
3.	Vaginal/ Cervical Smear	PAP Smear for Cytology	Manual	Material Collected at Procedure Site on a Clean Slide	NA

Shweta Sinha  
Convenor

Dr. Vandana Jain  
Program Director





National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY)  
MEDICAL COLLEGE AND HOSPITAL (UNIT OF BHARATI  
VIDYAPEETH) LABORATORY**

has been assessed and accredited in accordance with the standard

**ISO 15189:2012**

**"Medical laboratories - Requirements for quality and  
competence"**

for its facilities at

SANGLI MIRAJ ROAD, WALNESSWADI, SANGLI, MAHARASHTRA, INDIA

in the field of

**Medical Testing**

Certificate Number: MC-5742

Issue Date: 23/06/2023

Valid Until:

22/06/2025

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.  
(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Identity: Bharati Vidyapeeth

Signed for and on behalf of NABL



N. Venkateswaran  
Chief Executive Officer





National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY)  
MEDICAL COLLEGE AND HOSPITAL (UNIT OF BHARATI  
VIDYAPEETH) LABORATORY**

has been assessed and accredited in accordance with the standard

**ISO 15189:2012**

**"Medical laboratories - Requirements for quality and  
competence"**

for its facilities at

SANGLI MIRAJ ROAD, WALNESSWADI, SANGLI, MAHARASHTRA, INDIA

in the field of

**Medical Testing**

Certificate Number: MC-3847

Issue Date: 26/10/2020

Valid Until: 25/10/2022

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.  
(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Identity : BHARATI VIDYAPEETH

Signed for and on behalf of NABL



N. Venkateswaran  
Chief Executive Officer





National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**CENTRE FOR FOOD TESTING BHARATI  
VIDYAPEETH DEEMED UNIVERSITY**  
has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2017**

**"General Requirements for the Competence of Testing &  
Calibration Laboratories"**

and fulfills the requirements of APEDA  
for its facilities at

5th Floor, Bharati Vidyapeeth Educational Complex, Erandwane,  
Paud Road, Pune, Maharashtra  
in the field of

**TESTING**

Certificate Number

TC-6962 (Integrated)

Issue Date

06/02/2022

Valid Until

05/02/2024

APEDA: 30/05/2022

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.  
(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Identity : BHARATI VIDYAPEETH

**Signed for and on behalf of NABL**



89076970100030001011

**N. Venkateswaran**  
Chief Executive Officer





**National Accreditation Board for  
Testing and Calibration Laboratories**

**CERTIFICATE OF ACCREDITATION**

**CENTRE FOR FOOD TESTING BHARATI VIDYAPEETH  
DEEMED UNIVERSITY**

**has been assessed and accredited in accordance with the standard**

**ISO/IEC 17025:2017**

**"General Requirements for the Competence of Testing &  
Calibration Laboratories"**

**for its facilities at**

**5TH FLOOR, BHARTHI VIDYAPEETH EDUCATIONAL COMPLEX, ERANDWANE, PAUD ROAD, PUNE,  
MAHARASHTRA, INDIA**

**in the field of**

**TESTING**

**Certificate Number: TC-6962**

**Issue Date: 06/02/2020**

**Valid Until:**

**05/02/2022**

**This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued  
satisfactory compliance to the above standard & the relevant requirements of NABL.**

**(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))**

**Signed for and on behalf of NABL**



**N. Venkateswaran  
Chief Executive Officer**





**National Accreditation Board for  
Testing and Calibration Laboratories**

(A Constituent Board of Quality Council of India)



**CERTIFICATE OF ACCREDITATION**

**CENTRE FOR FOOD TESTING, BHARATI  
VIDYAPEETH DEEMED UNIVERSITY (BVDU)**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2005**

**"General Requirements for the Competence of Testing & Calibration Laboratories"**

for its facilities at

5th Floor, Centre for Advanced Research in Pharmaceutical Sciences  
Building, Erandwane, Paud Road, Pune, Maharashtra

in the field of

**TESTING**

**Certificate Number** TC-6962 (in lieu of T-2656)

**Issue Date** 03/12/2017

**Valid Until** 02/12/2019

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Signed for and on behalf of NABL

Alok Jain  
Program Director



89076970100030001011

Anil Relia  
Chief Executive Officer





**National Accreditation Board for  
Testing and Calibration Laboratories**

## **CERTIFICATE OF ACCREDITATION**

### **INTERACTIVE RESEARCH SCHOOL FOR HEALTH AFFAIRS (IRSHA), BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY)**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2017**

**"General Requirements for the Competence of Testing &  
Calibration Laboratories"**

for its facilities at

**DHANKAWADI CAMPUS, PUNE-SATARA ROAD, PUNE, MAHARASHTRA, INDIA**

in the field of

**TESTING**

Certificate Number: **TC-7203**

Issue Date: **01/03/2021**

Valid Until:

**28/02/2023**

**This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued  
satisfactory compliance to the above standard & the relevant requirements of NABL.**

**(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))**

**Name of Legal Identity : Bharati Vidyapeeth (Deemed to be University)**

**Signed for and on behalf of NABL**



**N. Venkateswaran  
Chief Executive Officer**





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

INTERACTIVE RESEARCH SCHOOL FOR HEALTH AFFAIRS (IRSHA), BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY), DHANKAWADI CAMPUS, PUNE-SATARA ROAD, PUNE, MAHARASHTRA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-7203

**Page No**

1 of 3

**Validity**

01/03/2021 to 28/02/2023

**Last Amended on**

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum	Dengue IgM ELISA	IgM antibody Capture ELISA [Ref: SOP-CD-036-v1]
2	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum	Dengue NS1 ELISA	Antigen Capture ELISA [Ref: SOP-CD-035-v1]
3	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum	Dengue virus quantification	Immunofocus assay [Ref: SOP-CD-065-v1]
4	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum	Influenza A haemagglutination inhibition (HI) assay	Haemagglutination inhibition assay [Ref: SOP-CD-060-v1, Amend Dt. 25/11/2019]
5	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum	Influenza B haemagglutination inhibition (HI) assay	Haemagglutination inhibition assay [Ref: SOP-CD-060-v1, Amend Dt. 25/11/2019]
6	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum / Plasma	Chikungunya IgG ELISA	Indirect ELISA [Ref: SOP-CD-054-v1]
7	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum / Plasma	Chikungunya IgG Titration	Indirect ELISA [Ref: SOP-CD-066-v1]
8	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum / Plasma	Chikungunya virus (CHIKV) specific PRNT	Virus neutralization assay [Ref: SOP-CD-048-v1]





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

INTERACTIVE RESEARCH SCHOOL FOR HEALTH AFFAIRS (IRSHA), BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY), DHANKAWADI CAMPUS, PUNE-SATARA ROAD, PUNE, MAHARASHTRA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-7203

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**Validity**

01/03/2021 to 28/02/2023

**Last Amended on**

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum / Plasma	Dengue 1 specific PRNT	Virus neutralization assay [Ref: SOP-CD-044-v1]
10	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum / Plasma	Dengue 2 specific PRNT	Virus neutralization assay [Ref: SOP-CD-044-v1]
11	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum / Plasma	Dengue 3 specific PRNT	Virus neutralization assay [Ref: SOP-CD-044-v1]
12	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum / Plasma	Dengue 4 specific PRNT	Virus neutralization assay [Ref: SOP-CD-044-v1]
13	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum / Plasma	Quantification of Dengue 2 by Real Time PCR	Quantification of Dengue virus by real time PCR [Ref: SOP-CD-073-v2]
14	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum/ Plasma	Quantification of Dengue 1 by Real Time PCR	Quantitative PCR [Ref: SOP-CD-073-v2]
15	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum/ Plasma	Quantification of Dengue 4 by Real Time PCR	Quantification of Dengue virus by real time PCR [Ref: SOP-CD-073-v2]
16	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum/Plasma	Quantification of Dengue 3 by Real Time PCR	Quantification of Dengue virus by real time PCR [Ref: SOP-CD-073-v2]
17	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum/Plasma	SARS CoV-2 micro-neutralization assay	SARS CoV-2 MNT [Ref: SOP-NB-026-v1]





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

INTERACTIVE RESEARCH SCHOOL FOR HEALTH AFFAIRS (IRSHA), BHARATI VIDYAPEETH  
(DEEMED TO BE UNIVERSITY), DHANKAWADI CAMPUS, PUNE-SATARA ROAD, PUNE,  
MAHARASHTRA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-7203

**Page No**

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**Validity**

01/03/2021 to 28/02/2023

**Last Amended on**

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
18	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum/Plasma	SARS COV-2 Specific PRNT	SARS CoV-2 PRNT [Ref: SOP-NB-025-v1]
19	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum/Plasma	Serotyping of dengue viruses by Real Time PCR	Serotyping of dengue viruses by Real Time PCR [Ref: SOP-CD-072-v2]



National Accreditation Board for  
Testing and Calibration Laboratories

**CERTIFICATE OF ACCREDITATION**

**INTERACTIVE RESEARCH SCHOOL FOR HEALTH  
AFFAIRS (IRSHA), PUNE**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2017**

**"General Requirements for the Competence of Testing &  
Calibration Laboratories"**

for its facilities at

DHANKAWADI CAMPUS, PUNE-SATARA ROAD, PUNE, MAHARASHTRA, INDIA

in the field of

**TESTING**

Certificate Number: TC-7203

Issue Date: 04/04/2023

Valid Until:

03/04/2025

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.  
(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Identity : Bharati Vidyapeeth (Deemed to be University)

**Signed for and on behalf of NABL**



N. Venkateswaran  
Chief Executive Officer





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

INTERACTIVE RESEARCH SCHOOL FOR HEALTH AFFAIRS (IRSHA), PUNE, DHANKAWADI  
CAMPUS, PUNE-SATARA ROAD, PUNE, MAHARASHTRA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-7203

**Page No**

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**Validity**

04/04/2023 to 03/04/2025

**Last Amended on**

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL- BIOLOGICAL MONITORING	Serum	Dengue IgG ELISA	IgG antibody capture ELISA [Ref: SOP-NB-053]
2	BIOLOGICAL- BIOLOGICAL MONITORING	Serum	Dengue IgM ELISA	IgM antibody Capture ELISA [Ref: SOP-CD-036]
3	BIOLOGICAL- BIOLOGICAL MONITORING	Serum	Dengue NS1 ELISA	Antigen Capture ELISA [Ref: SOP-CD-035]
4	BIOLOGICAL- BIOLOGICAL MONITORING	Serum	Dengue virus quantification	Immunofocus assay [Ref: SOP-CD-065]
5	BIOLOGICAL- BIOLOGICAL MONITORING	Serum	Influenza A haemagglutination inhibition (HI) assay	Haemagglutination inhibition assay [Ref: SOP-CD-060]
6	BIOLOGICAL- BIOLOGICAL MONITORING	Serum	Influenza B heamagglutination inhibition (HI) assay	Heamagglutination inhibition assay [Ref: SOP-CD-060]
7	BIOLOGICAL- BIOLOGICAL MONITORING	Serum / Plasma	Chikungunya IgG ELISA	Indirect ELISA [Ref: SOP-CD-054]
8	BIOLOGICAL- BIOLOGICAL MONITORING	Serum / Plasma	Chikungunya IgG Titration	Indirect ELISA [Ref: SOP-NB-038]
9	BIOLOGICAL- BIOLOGICAL MONITORING	Serum / Plasma	Chikungunya Virus (CHIKV) specific PRNT	Virus Neutralization Assay [Ref: SOP-CD-048]
10	BIOLOGICAL- BIOLOGICAL MONITORING	Serum / Plasma	DENV-1 Specific PRNT	Virus Neutralization Assay [Ref: SOP-CD-044]
11	BIOLOGICAL- BIOLOGICAL MONITORING	Serum / Plasma	DENV-2 Specific PRNT	Virus Neutralization Assay [Ref: SOP-CD-044]
12	BIOLOGICAL- BIOLOGICAL MONITORING	Serum / Plasma	DENV-3 Specific PRNT	Virus Neutralization Assay [Ref: SOP-CD-044]
13	BIOLOGICAL- BIOLOGICAL MONITORING	Serum / Plasma	DENV-4 Specific PRNT	Virus Neutralization Assay [Ref: SOP-CD-044]
14	BIOLOGICAL- BIOLOGICAL MONITORING	Serum / Plasma	SARS-CoV-2 PRNT	Virus neutralization Assay [Ref: SOP-NB-025]
15	BIOLOGICAL- BIOLOGICAL MONITORING	Serum/ Plasma	SARS COV-2 MNT	Virus Neutralization Assay [Ref: SOP-NB-026]
16	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum	Quantification of Dengue 1 by Real Time PCR	Quantitative PCR [Ref: SOP-CD-073]; Issue number -04, Issue date -22/12/2021



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

INTERACTIVE RESEARCH SCHOOL FOR HEALTH AFFAIRS (IRSHA), PUNE, DHANKAWADI  
CAMPUS, PUNE-SATARA ROAD, PUNE, MAHARASHTRA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-7203

**Page No**

2 of 2

**Validity**

04/04/2023 to 03/04/2025

**Last Amended on**

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
17	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum	Quantification of Dengue 2 by Real Time PCR	Quantification of Dengue virus by real time PCR [Ref: SOP-CD-073]; Issue number -04, Issue date -22/12/2021
18	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum	Quantification of Dengue 3 by Real Time PCR	Quantification of Dengue virus by real time PCR [Ref: SOP-CD-073]; Issue number -04, Issue date -22/12/2021
19	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum	Quantification of Dengue 4 by Real Time PCR	Quantification of Dengue virus by real time PCR [Ref: SOP-CD-073]; Issue number -04, Issue date -22/12/2021
20	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum	Serotyping of dengue viruses by Real Time PCR	Serotyping of dengue viruses by Real Time PCR [Ref: SOP-CD-072]





National Accreditation Board for  
Testing and Calibration Laboratories

## CERTIFICATE OF ACCREDITATION

### **INTERACTIVE RESEARCH SCHOOL FOR HEALTH AFFAIRS (IRSHA), BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY)**

has been assessed and accredited in accordance with the standard

**ISO/IEC 17025:2017**

**"General Requirements for the Competence of Testing &  
Calibration Laboratories"**

for its facilities at

**DHANKAWADI CAMPUS, PUNE-SATARA ROAD, PUNE, MAHARASHTRA, INDIA**

in the field of

**TESTING**

Certificate Number: TC-7203

Issue Date: 01/03/2021

Valid Until:

28/02/2023

This certificate remains valid for the Scope of Accreditation as specified in the annexure subject to continued satisfactory compliance to the above standard & the relevant requirements of NABL.

(To see the scope of accreditation of this laboratory, you may also visit NABL website [www.nabl-india.org](http://www.nabl-india.org))

Name of Legal Identity : Bharati Vidyapeeth (Deemed to be University)

Signed for and on behalf of NABL



N. Venkateswaran  
Chief Executive Officer



# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

INTERACTIVE RESEARCH SCHOOL FOR HEALTH AFFAIRS (IRSHA), BHARATI VIDYAPEETH  
(DEEMED TO BE UNIVERSITY), DHANKAWADI CAMPUS, PUNE-SATARA ROAD, PUNE,  
MAHARASHTRA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-7203

**Page No**

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**Validity**

01/03/2021 to 28/02/2023

**Last Amended on**

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
Permanent Facility				
1	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum	Dengue IgM ELISA	IgM antibody Capture ELISA [Ref: SOP-CD-036-v1]
2	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum	Dengue NS1 ELISA	Antigen Capture ELISA [Ref: SOP-CD-035-v1]
3	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum	Dengue virus quantification	Immunofocus assay [Ref: SOP-CD-065-v1]
4	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum	Influenza A haemagglutination inhibition (HI) assay	Haemagglutination inhibition assay [Ref: SOP-CD-060-v1, Amend Dt. 25/11/2019]
5	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum	Influenza B haemagglutination inhibition (HI) assay	Haemagglutination inhibition assay [Ref: SOP-CD-060-v1, Amend Dt. 25/11/2019]
6	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum / Plasma	Chikungunya IgG ELISA	Indirect ELISA [Ref: SOP-CD-054-v1]
7	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum / Plasma	Chikungunya IgG Titration	Indirect ELISA [Ref: SOP-CD-066-v1]
8	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum / Plasma	Chikungunya virus (CHIKV) specific PRNT	Virus neutralization assay [Ref: SOP-CD-048-v1]





# National Accreditation Board for Testing and Calibration Laboratories

## SCOPE OF ACCREDITATION

**Laboratory Name :**

INTERACTIVE RESEARCH SCHOOL FOR HEALTH AFFAIRS (IRSHA), BHARATI VIDYAPEETH (DEEMED TO BE UNIVERSITY), DHANKAWADI CAMPUS, PUNE-SATARA ROAD, PUNE, MAHARASHTRA, INDIA

**Accreditation Standard**

ISO/IEC 17025:2017

**Certificate Number**

TC-7203

**Page No**

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**Validity**

01/03/2021 to 28/02/2023

**Last Amended on**

-

S.No	Discipline / Group	Materials or Products tested	Component, parameter or characteristic tested / Specific Test Performed / Tests or type of tests performed	Test Method Specification against which tests are performed and / or the techniques / equipment used
9	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum / Plasma	Dengue 1 specific PRNT	Virus neutralization assay [Ref: SOP-CD-044-v1]
10	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum / Plasma	Dengue 2 specific PRNT	Virus neutralization assay [Ref: SOP-CD-044-v1]
11	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum / Plasma	Dengue 3 specific PRNT	Virus neutralization assay [Ref: SOP-CD-044-v1]
12	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum / Plasma	Dengue 4 specific PRNT	Virus neutralization assay [Ref: SOP-CD-044-v1]
13	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum / Plasma	Quantification of Dengue 2 by Real Time PCR	Quantification of Dengue virus by real time PCR [Ref: SOP-CD-073-v2]
14	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum/ Plasma	Quantification of Dengue 1 by Real Time PCR	Quantitative PCR [Ref: SOP-CD-073-v2]
15	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum/ Plasma	Quantification of Dengue 4 by Real Time PCR	Quantification of Dengue virus by real time PCR [Ref: SOP-CD-073-v2]
16	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum/Plasma	Quantification of Dengue 3 by Real Time PCR	Quantification of Dengue virus by real time PCR [Ref: SOP-CD-073-v2]
17	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum/Plasma	SARS CoV-2 micro-neutralization assay	SARS CoV-2 MNT [Ref: SOP-NB-026-v1]



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18	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum/Plasma	SARS COV-2 Specific PRNT	SARS CoV-2 PRNT [Ref: SOP-NB-025-v1]
19	BIOLOGICAL- MOLECULAR ANALYSIS (TESTS FOR VARIOUS MATRICES- HUMAN, PLANTS, ANIMAL, MICROBIAL)	Serum/Plasma	Serotyping of dengue viruses by Real Time PCR	Serotyping of dengue viruses by Real Time PCR [Ref: SOP-CD-072-v2]





# Certificate of Registration

*This is to certify that compliance of Quality Management System of*

**POONA COLLEGE OF PHARMACY**

**Erandwane, Paud Road, Pune 411038, Maharashtra.**

*Has been successfully assessed and conforms to the requirements of*

**ISO 9001:2015**

*Scope of Certification*

**Provision of Education B.Pharm., M.Pharm., Ph.D., Pharm. D.,  
Pharm. D.(PB) and Public Testing Laboratory.**

IAF/EA - Code: 37, 38  
(Exclusion: 8.3)

Certificate No : TVEIQ08261277

Issue Date : 26.08.2021

Expiry Date : 25.08.2024



ACCREDITED  
Management Systems  
Certification Body

MSCB - 129



Surveillance Audit 1 Due : 21.08.2022

Surveillance Audit 2 Due : 21.08.2023

**TVE Certification Services Pvt. Ltd**

Admin Office: Plot No: 5, Ganapathy Nagar, K.K.Nagar, Trichy - 620 021, Tamilnadu, India  
For current validity of the certificate, visit [www.tvecert.org](http://www.tvecert.org)

Executive Director